RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number:	10/549,262
Source:	PCT
Date Processed by STIC:	09/28/2005

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PCT

RAW SEQUENCE LISTING DATE: 09/28/2005 PATENT APPLICATION: US/10/549,262 TIME: 13:52:32

Input Set : A:\PTO.KD.txt

Output Set: N:\CRF4\09282005\J549262.raw

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3 <110> APPLICANT: Forschungszentrum Jlich GmbH
      5 <120> TITLE OF INVENTION: Method for Microbial Production of L-Serine
      7 <130> FILE REFERENCE: 23369
C--> 9 <140> CURRENT APPLICATION NUMBER: US/10/549,262
C--> 10 <141> CURRENT FILING DATE: 2005-09-12
     12 <160> NUMBER OF SEQ ID NOS: 2
     14 <170> SOFTWARE: PatentIn Ver. 2.1
     16 <210> SEO ID NO: 1
     17 <211> LENGTH: 1449
     18 <212> TYPE: DNA
     19 <213> ORGANISM: Corynebacterium glutamicum
     21 <400> SEOUENCE: 1
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58 Ser Ser His Thr Val Gly Pro Met Arg Ala Ala Leu Thr Tyr Ile Ser 20 25 61 Glu Phe Pro Ser Ser His Val Asp Ile Thr Leu His Gly Ser Leu Ala 40 64 Ala Thr Gly Lys Gly His Cys Thr Asp Arg Ala Val Leu Leu Gly Leu 55 67 Val Gly Trp Glu Pro Thr Ile Val Pro Ile Asp Ala Ala Pro Ser Pro 70 70 Gly Ala Pro Ile Pro Ala Lys Gly Ser Val Asn Gly Pro Lys Gly Thr 85 90 73 Val Ser Tyr Ser Leu Thr Phe Asp Pro His Pro Leu Pro Glu His Pro 100 105 76 Asn Ala Val Thr Phe Lys Gly Ser Thr Thr Arg Thr Tyr Leu Ser Val 79 Gly Gly Gly Phe Ile Met Thr Leu Glu Asp Phe Arg Lys Leu Asp Asp 130 135 82 Ile Gly Ser Gly Val Ser Thr Ile His Pro Glu Ala Glu Val Pro Cys 150 85 Pro Phe Gln Lys Ser Ser Gln Leu Leu Ala Tyr Gly Arg Asp Phe Ala 165 170 88 Glu Val Met Lys Asp Asn Glu Arg Leu Ile His Gly Asp Leu Gly Thr 185 91 Val Asp Ala His Leu Asp Arg Val Trp Gln Ile Met Gln Glu Cys Val 195 200 94 Ala Gln Gly Ile Ala Thr Pro Gly Ile Leu Pro Gly Gly Leu Asn Val 215 97 Gln Arg Arg Ala Pro Gln Val His Ala Leu Ile Ser Asn Gly Asp Thr 230 235 100 Cys Glu Leu Gly Ala Asp Leu Asp Ala Val Glu Trp Val Asn Leu Tyr 250 103 Ala Leu Ala Val Asn Glu Glu Asn Ala Ala Gly Gly Arg Val Val Thr 260 265 106 Ala Pro Thr Asn Gly Ala Ala Gly Ile Ile Pro Ala Val Met His Tyr 109 Ala Arg Asp Phe Leu Thr Gly Phe Gly Ala Glu Gln Ala Arg Thr Phe 295 112 Leu Tyr Thr Ala Gly Ala Val Gly Ile Ile Lys Glu Asn Ala Ser 310 315 115 Ile Ser Gly Ala Glu Val Gly Cys Gln Gly Glu Val Gly Ser Ala Ser 325 . 330 118 Ala Met Ala Ala Ala Gly Leu Cys Ala Val Leu Gly Gly Ser Pro Gln 345 340 121 Gln Val Glu Asn Ala Ala Glu Ile Ala Leu Glu His Asn Leu Gly Leu 360 124 Thr Cys Asp Pro Val Gly Gly Leu Val Gln Ile Pro Cys Ile Glu Arg 375 127 Asn Ala Ile Ala Ala Met Lys Ser Ile Asn Ala Ala Arg Leu Ala Arg RAW SEQUENCE LISTING DATE: 09/28/2005 PATENT APPLICATION: US/10/549,262 TIME: 13:52:32

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137			435					440					445			
139	Cys															

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/549,262

DATE: 09/28/2005 TIME: 13:52:33

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Output Set: N:\CRF4\09282005\J549262.raw

L:9 M:270 C: Current Application Number differs, Replaced Application Number L:10 M:271 C: Current Filing Date differs, Replaced Current Filing Date